

ABSTRACT

A group bussiness it's called KUB Segentar Alam is a group that in weaving fabrics typical of South Sumatra, among other songket, tajung, jumputan, etc.. KUB Segentar Alam is located in Sukabangun II Soak Simpur street Pagar Gunung alley. Products resulting from that KUB is distributed to boutiques and exhibitions followed the woven fabric that is usually held. Output resulting woven fabric must have good quality, both in terms of motives, as well as in terms of the texture of the cloth.

The quality of woven fabric can be influenced by the performance of the weavers. Performance weavers affected by the factory working environment, such as the level of lighting and wall color factory. These improvements are expected to maintain the quality of woven fabric. Suitable work environment can help increase the productivity of weavers so as to produce a fabric woven of good and timely.

To get improved lighting levels according to the plant site, conducted experiments on the light level on two weavers with three treatments, such as when the lamp is turned off, the lamp 15 watt, and 24 watt lamp on the condition of the wall without the colored and white. Improvements appropriate lighting level is to use a 24 watt lamp and a painting on the wall of a factory with white. Repairs were carried out aimed at improving lighting levels and productivity at the plant. After the application of the company, there was an increase in productivity by 0,30 or 30%.

Keywords: Ergonomics, Work Environment, Productivity, Lighting